

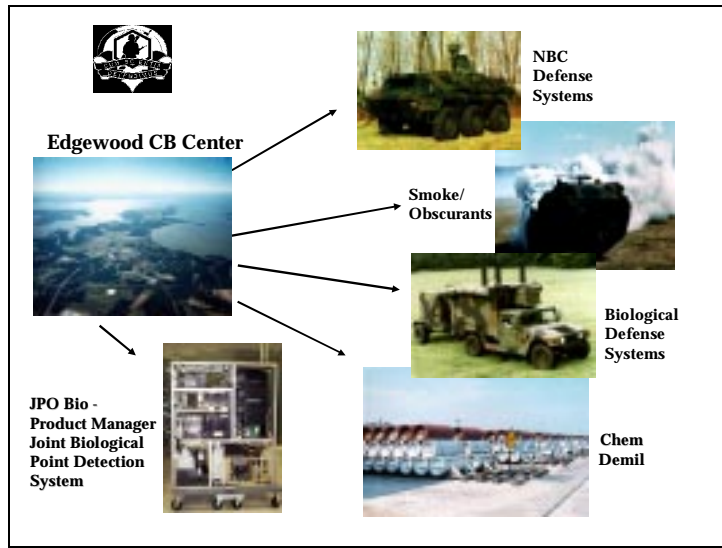


Edgewood Area - Aberdeen Proving Ground, Maryland 21010-5424

U.S. Army Soldier and Biological Chemical Command

## Edgewood Chemical Biological Center

The **Edgewood Chemical Biological Center**, located at the old Edgewood Arsenal area of Aberdeen Proving Ground, Maryland, is DoD's principal R&D center for chemical and biological defense technology, engineering, and service. The center's closely matrixed partnership among the **Program Manager for Nuclear, Biological and Chemical Defense Systems**, the **Program Director for Biological Defense Systems** and the **Product Manager for Smoke/Obscurants** provides U.S. forces with the capability to survive and to sustain mission operations on the battlefield through application of NBC defense, obscuration, flame and non-lethal weapons science and technology, engineering, products and services.



**Mission: Provide US forces with the capability to survive and to sustain mission operations on a twenty-first century digitized battlefield through application of NBC defense, obscuration, flame and non-lethal weapons science and technology, engineering, products and life cycle support services.**

The Edgewood CB Center, an element of **SBCCOM's Research, Development and Acquisition Enterprise**, has successfully leveraged its core capabilities of providing research, technology development, engineering, and field testing for warfighter products to fulfill critical requirements for products and services for vital national programs, such as chemical and biological arms control and treaty assistance, emergency response, counterterrorism, and cooperative threat reduction. The center has aggressively forged valuable cooperative agreements with other agencies, governments, industry and academia to augment our distinguished cadre of highly trained and experienced personnel. *The Edgewood campus is home to world class research, engineering development and test facilities where the Army has achieved major technological advances for Joint Services defense, civilian needs and industrial competitiveness.*

With a long and distinguished history of providing our Armed Forces with quality systems and outstanding customer service, the **Edgewood Chemical Biological Center** is the Army's principal R&D center for chemical and biological defense technology, engineering, and service.

- **Total Life Cycle Management**
- **Synergist for Partnerships**
- **Preeminent World Class Technology, Products and Services**

The Research, Development and Acquisition business area provides full life-cycle support from laboratories to chemical and biological protection, detection and monitoring capabilities for the

battlefield. Recognized as the nation's center of chemical and biological expertise, the Edgewood Chemical Biological Center and Program/Product Managers continue research, concept exploration, demonstration, validation and engineering manufacturing development for production of chemical defense systems, obscuring smoke, aerosol systems, and flame weapons.

ECBC's Research and Technology Directorate manages and executes the DoD Science and Technology programs and conducts the DoD research and exploratory non-medical development programs in:

- Chemistry
- Toxicology & Aerosol Technology
- Biological Sciences
- CB Detection, Decontamination and Protection
- Applied Simulations and Operations Research



The Engineering Directorate's Acquisition Management Business Unit ensures engineering development, production and fielding of CB and smoke defense systems, not managed by the PM NBC Defense Systems. The Engineering Services Business Unit provides the Enterprise with computer-aided engineering, rapid prototyping, experimental fabrication and engineering data management services as well as toxic, explosive and pyrotechnic test and evaluation facilities. The Homeland Defense Business Unit leads the federal Domestic Preparedness Program designed to enhance the capability of federal, state and local emergency response to incidents involving nuclear, biological and chemical terrorism. This interagency effort provides train-the-trainer instructions and emergency response exercises for 120 U.S. chemical and biological expert assistance and leadership for the DoD Chemical and Biological Rapid Response Team.

The CB Services Directorate supports SBCCOM and its customers by using their expertise in agent handling and surety (toxic materials) management, such as support to counterproliferation; environmental restoration and domestic preparedness; environmental regulatory compliance; hazardous materials management and assessment and chemical agent safety; and OSHA industrial safety. The Advanced Systems Concepts Directorate, principally charged with new business development, facilitates partnering with other agencies, industry, academia and the international science and technology community for leveraging and fostering advances in chemical, biological and smoke/obscurant defense technologies and systems.

